



**UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office**

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Washington, D.C. 20231

SEPTEMBER 17, 2001

PTAS



\*101776677A\*

WARD & OLIVO  
DAVID M. HILL  
708 THIRD AVENUE  
NEW YORK, NY 10017

**UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT**

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/06/2001

REEL/FRAME: 011961/0900  
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
WANG, YANG

DOC DATE: 06/13/2001

ASSIGNOR:  
PARK, MELVIN A.

DOC DATE: 06/13/2001

ASSIGNOR:  
GEISSMANN, ULRICH

DOC DATE: 06/13/2001

ASSIGNEE:  
BRUKER DALTONICS, INC.  
FORTUNE DRIVE  
MANNING PARK  
BILLERICA, MASSACHUSETTS 01821

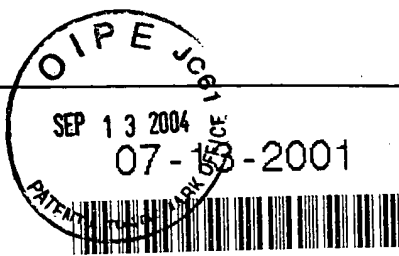
SERIAL NUMBER: 09798393  
PATENT NUMBER:

FILING DATE: 03/02/2001  
ISSUE DATE:

011961/0900 PAGE 2

PAULA MCCRAY, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

FORM PTO-1618A  
Expires 06/30/99  
OMB 0651-0027



U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT**

101776677

**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

**Submission Type**

- ☒ New
- ☐ Resubmission (Non-Recordation)  
Document ID#
- ☐ Correction of PTO Error  
Reel #  Frame #
- ☐ Corrective Document  
Reel #  Frame #

**Conveyance Type**

- ☒ Assignment ☐ Security Agreement
- ☐ License ☐ Change of Name
- ☐ Merger ☐ Other
- U.S. Government**  
(For Use ONLY by U.S. Government Agencies)
- ☐ Departmental File ☐ Secret File

**Conveying Party(ies)**

- ☒ Mark if additional names of conveying parties attached
- Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

**Second Party**

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

**Receiving Party**

- ☐ Mark if additional names of receiving parties attached

Name (line 1)

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

MA

01821

City

State/Country

Zip Code

**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

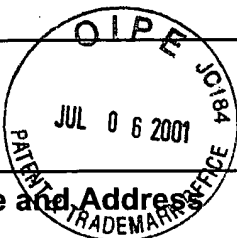
Address (line 3)

Address (line 4)

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Mail documents to be recorded with required cover sheet(s) information to:  
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231



**Correspondent Name and Address** **Area Code and Telephone Number** (212) 697-6262

**Name** Ward & Olivo

**Address (line 1)** 708 Third Avenue

**Address (line 2)** New York, NY 10017

**Address (line 3)**

**Address (line 4)**

**Pages** Enter the total number of pages of the attached conveyance document including any attachments. # 3

**Application Number(s) or Patent Number(s)** ☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

**Patent Application Number(s)**

09798393

**Patent Number(s)**

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year  
06 13 2001

**Patent Cooperation Treaty (PCT)**

Enter PCT application number  
only if a U.S. Application Number  
has not been assigned.

PCT  PCT  PCT   
PCT  PCT  PCT

**Number of Properties** Enter the total number of properties involved. # 1

**Fee Amount** Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00

**Method of Payment:**  
**Deposit Account**

Enclosed ☒ Deposit Account ☐

(Enter for payment by deposit account or if additional fees can be charged to the account.)

**Deposit Account Number:** # 23-0420

**Authorization to charge additional fees:** Yes ☒ No ☐

**Statement and Signature**

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

David M. Hill

**Name of Person Signing**

**Signature**

**Date**

7/3/01

RECORDATION FORM COVER SHEET  
CONTINUATION  
PATENTS ONLY

U.S. Department of Commerce  
Patent and Trademark Office  
PATENT

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) Ulrich Geissmann

Execution Date  
Month Day Year

06132001

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

Receiving Party(ies)

☐ Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

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Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

09798393

JOINT

ASSIGNMENT

WHEREAS, WE, Yang Wang residing at 37 Genetti Circle, Bedford, MA 01730 and Melvin A. Park residing at 8 Hardwood Drive, Billerica, MA 01826, citizens of the United States, and Ulrich Geissmann residing at 201 Forest Street, Arlington, MA 02474, citizen of Germany, ASSIGNORS, are the inventors of the invention entitled APPARATUS AND METHOD FOR ANALYZING SAMPLES IN A DUAL ION TRAP MASS SPECTROMETER for which we have executed an application for a Patent of the United States,

- ☒ which was filed on March 2, 2001, as Application Serial No. 09/798,393, and
- ☒ which is identified by Ward & Olivo docket no. 140-069

and WHEREAS, Bruker Daltonics Inc. a corporation organized under the laws of the State of Delaware and having a place of business at 15 Fortune Drive, Manning Park, Billerica, Massachusetts 01821, ASSIGNEE, is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional,

continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date 06.03.2001, 2001 Yang Wang L.S.

Date 6/13/01, 2001 Melvin H. Park L.S.

Date 6/13/2001, 2001 U. G. Mann L.S.

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) SS.:

On this 13 day of June, 2001, before me, a Notary Public in and for the State and County aforesaid, personally appeared Yang Wang, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

James M. Russo  
Notary Public.

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) SS.:

JAMES M. RUSSO  
Notary Public  
My Commission Expires  
December 2, 2005

On this 13 day of June, 2001, before me, a Notary Public in and for the State and County aforesaid, personally appeared Mel Parks, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

James M. Russo  
Notary Public.

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) SS.:

JAMES M. RUSSO  
Notary Public  
My Commission Expires  
December 2, 2005

On this 13 day of June, 2001, before me, a Notary Public in and for the State and County aforesaid, personally appeared U. G. Mann, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

James M. Russo  
Notary Public.

JAMES M. RUSSO  
Notary Public  
My Commission Expires  
December 2, 2005



UNITED STATES  
PATENT AND  
TRADEMARK OFFICE

MAY 07, 2002

PTAS

Commissioner for Trademarks  
Arlington, VA 22202-3513  
www.uspto.gov

WARD & OLIVO  
DAVID M. HILL  
708 THIRD AVENUE  
NEW YORK, NY 10017



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RECORDATION DATE: 03/05/2002

REEL/FRAME: 012661/0783  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
PARK, MELVIN A.

DOC DATE: 07/13/2001

ASSIGNEE:  
BRUKER DALTONICS, INC.  
FORTUNE DRIVE MANNING PARK  
BILLERICA, MASSACHUSETTS 01821

SERIAL NUMBER: 09882361  
PATENT NUMBER:

FILING DATE: 06/15/2001  
ISSUE DATE:

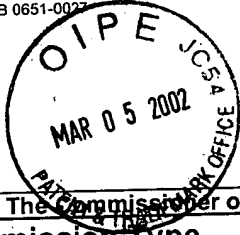
SAUNDRA BALLENGER, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS



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Expires 06/30/99  
OMB 0651-0027

03-14-2002

U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT**



102015960

## RECORDATION FORM COVER SHEET PATENTS ONLY

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### Submission Type

- ☒ New **3-5-02**
- ☐ Resubmission (Non-Recordation)  
Document ID#
- ☐ Correction of PTO Error  
Reel #  Frame #
- ☐ Corrective Document  
Reel #  Frame #

### Conveyance Type

- ☒ Assignment ☐ Security Agreement
- ☐ License ☐ Change of Name
- ☐ Merger ☐ Other
- U.S. Government**  
(For Use ONLY by U.S. Government Agencies)
- ☐ Departmental File ☐ Secret File

### Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Execution Date  
Month Day Year  
07132001

Name (line 1) Melvin A. Park

Name (line 2)

### Second Party

Name (line 1)

Name (line 2)

### Receiving Party

☐ Mark if additional names of receiving parties attached

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment)

Name (line 1) Bruker Daltonics, Inc.

Name (line 2)

Address (line 1) Fortune Drive

Address (line 2) Manning Park

Address (line 3) Billerica

MA

State/Country

01821

Zip Code

### Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

03/11/002 NMDKATM1 00000030 09882361

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Mail documents to be recorded with required cover sheet(s) information to:  
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

**Correspondent Name and Address**

Area Code and Telephone Number

(212) 697-6262

Name Ward & Olivo

Address (line 1) 708 Third Avenue

Address (line 2) New York, NY 10017

Address (line 3)

Address (line 4)

**Pages**

Enter the total number of pages of the attached conveyance document including any attachments.

#

1

**Application Number(s) or Patent Number(s)**

☐

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

09882361

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number

only if a U.S. Application Number has not been assigned.

PCT

PCT

PCT

PCT

PCT

PCT

**Number of Properties**

Enter the total number of properties involved.

#

1

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$

40.00

Method of Payment:  
Deposit Account

Enclosed ☒

Deposit Account ☐

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

#

23-0420

Authorization to charge additional fees:

Yes

☒

No

☐

**Statement and Signature**

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

David M. Hill

Name of Person Signing

Signature

Date

10/17/01

## ASSIGNMENT

WHEREAS, I, Melvin A. Park, ASSIGNOR, citizen of the United States, residing at 8 Hardwood Drive, Billerica, Massachusetts 01826, am the inventor of the invention of MEANS AND METHOD FOR GUIDING IONS IN A MASS SPECTROMETER for which I have executed an application for a Patent of the United States

- ☒ which is identified by Ward & Olivo docket no. 140-030
- ☒ which was filed on June 15, 2001, Serial No. TBA

and WHEREAS, Bruker Daltonics Inc., ASSIGNEE is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND I HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant and agree that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 13 day of July, 2001.

Melvin A. Park L.S.

State of )  
County of ) SS.:

On this 13 day of July, 2001, before me, a Notary Public in and for the State and County aforesaid, personally appeared \_\_\_\_\_, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

James M. Russo  
Notary Public.

JAMES M. RUSSO  
Notary Public  
My Commission Expires  
December 2, 2005